



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/754,556	01/04/2001	Kim Toll	INTL-0529-US (P10829)	3715

45209 7590 06/16/2005

INTEL/BLAKELY
12400 WILSHIRE BOULEVARD, SEVENTH FLOOR
LOS ANGELES, CA 90025-1030

EXAMINER

BARNES, CRYSTAL J

ART UNIT	PAPER NUMBER
----------	--------------

2121

DATE MAILED: 06/16/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/754,556

Applicant(s)

TOLL ET AL.

Examiner

Crystal J. Barnes

Art Unit

2121

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 April 2005.
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-29 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 1-29 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☒ The drawing(s) filed on 29 April 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

1. The following is a Final Office Action in response to the Amendment received on 29 April 2005. Claims 6 and 17 have been amended. Claims 7 and 18 have been cancelled. Claims 1-6, 8-17 and 19-29 remain pending in this application.

Drawings

2. The corrected drawing sheet and the amendment to the specification to add the reference characters were received on 29 April 2005. These corrections are acceptable.

Claim Rejections - 35 USC § 112

3. The amendment to the claim was received on 29 April 2005. This correction is acceptable.

Response to Arguments

4. Applicant's arguments filed 29 April 2005 have been fully considered but they are not persuasive.

In response to applicants' argument that Lin does not teach or suggest automatic synchronization, the Lin reference discloses server-side synchronization agent 6 may be implemented as a dynamic link library (DLL) invoked automatically at startup or may be an executable program initiated by the AUTOEXEC.BAT file. Other implementations are also possible, depending upon the characteristics of the particular operating environment of the repository computer.

In response to applicants' argument that Lin fails to teach or suggest synchronization of the profiles directly in response to an event and logging on to the server, the Lin reference discloses server-side synchronization agent 6 may be implemented as a dynamic link library (DLL) invoked automatically at startup.

In response to applicants' argument that Lin fails to teach or suggest an activity upon powering down the local computer, the Lin reference discloses client-side synchronization agent 7 ideally enters an idle state until a predetermined event occurs to trigger further processing. For example, client-side synchronization agent 7 may idle until the current user logs off of local computer 3. The step of logging off of a computer occurs before a user can power off/shutdown a computer. As a result, the client-side synchronization agent 7 may idle until the current user powers off/shuts down local computer 3.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1-29 are rejected under 35 U.S.C. 102(e) as being anticipated by
USPN 6,178,443 B1 to Lin.

As per claim 1, the Lin reference discloses a method comprising: storing (see column 2 lines 11-14, "central user preference database 2") a user profile ("user preference information") for each of a plurality of users ("plurality of system users") on a first processor-based system ("repository computer 1"); and automatically (see column 2 lines 54-61, "automatically, AUTOEXEC.BAT") creating a version of the profile (see column 2 lines 25-33, "local user preference file 4") for use on the second processor-based system ("local computer 3").

As per claim 2, the Lin reference discloses automatically ("automatically, AUTOEXEC.BAT") creating a version of the profile ("local user preference file 4") in response to the user logging on (see column 2 lines 49-56, "startup") to the first processor-based system ("repository computer 1").

As per claim 3, the Lin reference discloses automatically ("automatically, AUTOEXEC.BAT") creating a version of the profile ("local user preference file 4") for use on a portable processor-based system (see column 2 lines 24-26, "local computer 3, laptop PC").

As per claim 4, the Lin reference discloses automatically compiling a version of a user profile (see column 5 lines 28-31, "adding new bookmarks") for a web browser session ("Internet browser") and storing said profile ("user preference information") at the end of said web browser session ("transmit updated as soon as user exits the application").

As per claim 5, the Lin reference discloses receiving an updated user profile (see column 5 lines 20-25, "locally updated user preference information") from the second processor-based system ("local computer 3").

As per claim 6, the Lin reference discloses a method comprising: storing (see column 2 lines 11-14, "central user preference database 2" and column 2 lines 25-

33, "local user preference file 4") a profile ("user preference information") for the current user ("plurality of system users") of a second processor-based system ("users of local computer 3"); updating said profile (see column 2 lines 25-33, "maintains user-specific preference information") based on the current user's activities (see column 5 lines 20-25, "locally updated user preference information") on the second processor-based system ("local computer 3"); and automatically (see column 2 lines 54-61, "automatically, AUTOEXEC.BAT") forwarding (see column 5 lines 20-32, "transmits") the updated profile ("locally updated user preference information") to a first processor-based system ("repository computer 1"); and automatically forwarding ("transmits") the profile ("locally updated user preference information") from the second processor-based system ("local computer 3") to the first processor-based system ("repository computer 1") before powering down (see column 5 lines 11-15, "logs off") the second processor-based system ("local computer 3").

As per claim 8, the Lin reference discloses storing a profile ("central user preference database 2, local user preference file 4") includes automatically compiling a web browser profile (see column 5 lines 28-31, "adding new bookmarks in an Internet browser") based on activities of the user ("user changes settings in

a particular application") on the second processor-based system ("local computer 3").

As per claim 9, the Lin reference discloses automatically receiving said user profile (see column 4 lines 60-63, "retrieve the most current user preference information") from a first processor-based system ("repository computer 1").

As per claim 10, the Lin reference discloses further including automatically receiving said profile (see column 2 lines 46-49, "maintenance and distribution of central user preference information") from said first processor-based system ("repository computer 1") in response to a log on (see column 2 lines 49-56, "powered up, start up") to said first processor-based system ("repository computer 1").

As per claim 11, the Lin reference discloses automatically transmitting said user profile (see column 5 lines 20-24, "transmits locally updated user preference information") to a first processor-based system ("repository computer 1") in response to a command to power down (see column 3 lines 14-15, "current user logs off") said second processor-based system ("local computer 3").

As per claim 12, the Lin reference discloses an article comprising a medium (see column 5 lines 40-49, "memory, media") storing instructions ("software") that

enable a processor-based system ("computers 1, 3") to: store (see column 2 lines 11-14, "central user preference database 2" and column 2 lines 25-33, "local user preference file 4") a user profile ("user preference information") for each of a plurality of users ("plurality of system users") on the processor-based system ("repository computer 1, local computer 3"); and automatically (see column 2 lines 54-61, "automatically, AUTOEXEC.BAT") create a version of the user profile (see column 2 lines 25-32, "local user preference file 4") for use on a second processor-based system ("local computer 3").

As per claim 13, the Lin reference discloses further storing instructions ("software") that enable the processor-based system ("repository computer 1, local computer 3") to automatically ("automatically, AUTOEXEC.BAT") create the version of the profile ("local user preference file 4") in response to the user logging on (see column 2 lines 49-56, "startup") to the processor-based system ("repository computer 1, local computer 3").

As per claim 14, the Lin reference discloses further storing instructions ("software") that enable the processor-based ("repository computer 1, local computer 3") to automatically ("automatically, AUTOEXEC.BAT") create a version of a web browser profile (see column 2 lines 13-18, "URL "bookmarks" for Internet

browsers") in response to the user logging on (see column 4 lines 44-46, "user logs on") to the processor-based system (see column 4 lines 60-67, "repository computer 1, local computer 3") through the second processor-based system ("local computer 3").

As per claim 15, the Lin reference discloses further storing instructions ("software") that enable the processor-based system ("repository computer 1, local computer 3") to automatically ("automatically, AUTOEXEC.BAT") compile a version of the user profile (see column 5 lines 28-31, "adding new bookmarks") for a web browser session ("Internet browser") and store said profile ("user preference information") at the end of said web browser session ("transmit updated as soon as user exits the application").

As per claim 16, the Lin reference discloses further storing instructions (software) that enable the processor-based system ("repository computer 1, local computer 3") to receive an updated user profile (see column 5 lines 20-25, "locally updated user preference information") from a second processor-based system ("local computer 3").

As per claim 17, the Lin reference discloses an article comprising a medium (see column 5 lines 40-49, "memory, media") storing instructions ("software") that

enable a second processor-based system ("local computer 3") to: store a user profile (see column 2 lines 25-33, "local user preference file 4") for the current user of the second processor-based system ("users of local computer 3"); update said profile (see column 5 lines 20-25, "locally updated user preference information") based on the current user's activities (see column 5 lines 28-32, "user changes settings") on the second processor-based system ("local computer 3"); and automatically forward (see column 5 lines 20-25, "transmits") the updated profile ("locally updated user preference information") to a first processor-based system ("repository computer 1").

As per claim 19, the Lin reference discloses further storing instructions ("software") that enable the second processor-based system ("local computer 3") to automatically create a version of a web browser profile (see column 5 lines 28-31, "adding new bookmarks in an Internet browser") based on activities of the user ("user changes settings in a particular application") on the second processor-based system ("local computer 3").

As per claim 20, the Lin reference discloses further storing instructions ("software") that enable the second processor-based system ("local computer 3") to automatically receive said updated profile (see column 4 lines 60-63, "retrieve

the most current user preference information") from a first processor-based system ("repository computer 1").

As per claim 21, the Lin reference discloses further storing instructions ("software") that enable the second processor-based system ("local computer 3") to automatically receive a web browser profile (see column 2 lines 13-18, "URL "bookmarks" for Internet browsers") from the first processor-based system ("repository computer 1") in response to a log on (see column 4 lines 44-46, "user logs on") to the first processor-based system (see column 4 lines 60-67, "repository computer 1").

As per claim 22, the Lin reference discloses further storing instructions ("software") that enable the second processor-based system ("local computer 3") to automatically transmit the updated profile to a first processor-based system (see column 5 lines 20-24, "transmits locally updated user preference information") in response to a command to power down (see column 3 lines 14-15, "current user logs off") the second processor-based system ("local computer 3").

As per claim 23, the Lin reference discloses a system comprising: a processor (see column 2 lines 2-5, "repository computer 1"); and a storage (see column 2 lines 11-13, "central user preference database 2") coupled to the

processor ("repository computer 1"), the storage ("central user preference database 2") storing instructions ("software") that enable the processor ("repository computer 1") to store a web browser profile (see column 2 lines 13-18, "URL bookmarks for Internet browsers") for each of the plurality of users (see column 2 lines 30-33, "larger population of users") of the system and automatically provide the web browser profile (see column 4 lines 60-67, "retrieves most current user preference information") for a user to a second processor-based system ("local computer 3").

As per claim 24, the Lin reference discloses a wireless interface (see column 2 lines 34-45, "wireless connection") to communicate ("communication link 5") with the second processor-based system ("local computers 3").

As per claim 25, the Lin reference discloses a system comprising: a processor (see column 2 lines 23-25, "local computer 3"); and a storage (see column 2 lines 25-28, "local user preference file 4") coupled to the processor ("local computer 3"), the storage ("local user preference file 4") storing instructions that enable the processor ("local computer 3") to store a web browser profile ("maintains user-specific preference information") for the current user of the system, update the profile (see column 5 lines 21-22, "locally updated user

preference information") based on the current user's activities (see column 5 lines 25-31, "user changes settings in a particular application") on the system, and automatically forward (see column 5 lines 21-22, "transmits") the updated profile to a second processor-based system ("repository computer 1").

As per claim 26, the Lin reference discloses said system is a battery powered system (see column 2 lines 23-25, "laptop computer").

As per claim 27, the Lin reference discloses said system communicates (see column 2 lines 34-36, "communication link 5") with said second processor-based system ("repository computer 1") using a wireless interface (see column 2 lines 37-45, "wireless connection").

As per claim 28, the Lin reference discloses said storage ("local user preference file 4") stores instructions ("software") that enable the processor ("local computer 3") to automatically compile a web browser profile (see column 5 lines 28-31, "adding new bookmarks in an Internet browser") based on activities of the user ("user changes settings in a particular application") on the system ("local computer 3").

As per claim 29, the Lin reference discloses said storage ("local user preference file 4") stores instructions ("software") that enable the processor

("local computer 3") to automatically transmit said web browser profile (see column 5 lines 20-24, "transmits locally updated user preference information") to the second processor-based system ("repository computer 1") in response to a command to power down (see column 3 lines 14-15, "current user logs off") the processor-based system ("local computer 3").

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

The following references are cited to further show the state of the art with respect to synchronizing client/server applications in general:

USPN 6,856,605 B1 to Larghi et al.

USPN 6,584,505 B1 to Howard et al.

USPN 5,729,735 to Meyering

USPN 5,583,917 to Jonsson

US Pub. No. 2002/0075844 A1 to Hagen

US Pub. No. 2002/0059201 A1 to Work

US Pub. No. 2002/0049751 A1 to Chen et al.

8. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Crystal J. Barnes whose telephone number is 571.272.3679. The examiner can normally be reached on Monday-Friday alternate Mondays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Anthony Knight can be reached on 571.272.3687. The fax

phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

CJB
7 June 2005



Anthony Knight
Supervisory Patent Examiner
Group 3600